

RYEGRASS POLLEN ALLERGEN

Publication number: JP3504077T

Publication date: 1991-09-12

Inventor:

Applicant:

Classification:

- International: **G01N33/53; A61K39/36; A61P37/08; C07K14/00; C07K14/415; C07K16/00; C07K16/16; C07K19/00; C12N1/21; C12N15/09; C12N15/29; C12N15/82; C12P21/02; C12P21/08; C12Q1/68; G01N33/569; G01N33/68; C12R1/19; G01N33/53; A61K39/35; A61P37/00; C07K14/00; C07K14/415; C07K16/00; C07K16/16; C07K19/00; C12N1/21; C12N15/09; C12N15/29; C12N15/82; C12P21/02; C12P21/08; C12Q1/68; G01N33/569; G01N33/68; (IPC1-7); A61K39/36; C07K13/00; C07K15/10; C12N1/21; C12N15/29; C12P21/02; C12Q1/68; G01N33/53**

- European: C07K14/415; C07K16/16; C12N15/82C0D2; G01N33/569; G01N33/569F; G01N33/68V

Application number: JP19890503699 19890323

Priority number(s): AU1988P107391 19880323

Also published as:

-  WO8909260 (A1)
-  EP0406286 (A1)
-  EP0406286 (A4)
-  EP0406286 (A0)
-  DK228190 (A)

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Abstract not available for JP3504077T

Abstract of corresponding document: **WO8909260**

The major allergenic protein LOI pi from pollen of ryegrass *Lolium perenne*L. is produced by recombinant DNA techniques. The DNA sequences encoding the above protein, expression vectors, host transformed and cell lines containing the coding sequence for LOI pi protein are also described. The use of the above DNA sequences and recombinant protein in nucleic hybridization, tissue specificity diagnosis and detection of specific antibodies in biological samples are also disclosed. The possible use of the promoter sequence of LOI pi in the developmental regulation of LOI pi gene expression or any other gene during the development of the pollen, in inhibiting pollen development or function and inducing nuclear male sterility are also disclosed.

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